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Express Mail #EV343680388US
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

OFGS File No. : IR-2327 (2-3561)
Inventor : Michael Harke
Title : POSITION ESTIMATION AND DEMAGNETIZATION
DETECTION OF A PERMANENT MAGNET MOTOR
Assignee : International Rectifier Corporation

Enclosed herewith please find the following documents in the above-identified application for United States Letters Patent:

- Print EFS Data Sheet
14 Pages of Specification including Abstract and Claims
15 Numbered Claims Calculated as 15 Claims for Fee Purposes
4 Sheets of Drawing Containing Figures 1 to 8. (Formal)
 Inventor's Designation Sheet
 Priority is Claimed under 35 U.S.C. §119:
Convention Date August 23, 2002 for U.S. Provisional Appln. S.N. 60/405,664
Convention Date September 4, 2002 for U.S. Provisional Appln. S.N. 60/408,520
 The prior applications were assigned to International Rectifier Corporation and were recorded on December 26, 2002 at Reel 013604, Frames 0380 and 0382
 Return-Addressed Post Card
OFGS Check No. 12401, which includes the fee of \$834.00, calculated as follows:

Basic Filing Fee: \$ 750.00
Additional Filing Fees:
Number of Independent Claims in Excess of 3, times \$84: 84.00
Total Filing Fees \$ 834.00

In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed, or if any additional fee during the prosecution of this case is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

EXPRESS MAIL CERTIFICATE

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail to Addressee (mail label # EV343680388US) in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 21, 2003

Cheryl Desvignes

Name of Person Mailing Correspondence

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Signature

August 21, 2003

Date of Signature

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Respectfully submitted,

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INVENTORS DESIGNATION SHEET

PRIORITY IS CLAIMED UNDER 35 U.S.C. §1.119

Convention Date: August 23, 2002
U.S. Provisional Application Serial No. 60/405,664

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U.S. Provisional Application Serial No. 60/408,520

TITLE: POSITION ESTIMATION AND DEMAGNETIZATION
DETECTION OF A PERMANENT MAGNET MOTOR

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